

<b>LIST OF PRIOR ART CITED BY APPLICANT</b> (PTO-1449)				ATTY. DOCKET NO. <b>CI-0026</b>		APPLN. SERIAL NO. <b>10/060,208</b>	
				APPLICANT(S) <b>Wils n BURGESS, William N. DROHAN, Martin J. MACPHEE and David M. MANN</b>			
				FILING DATE <b>February 1, 2002</b>		GROUP <b>1744</b>	

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U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
LM	4,994,237	02/19/91	LOGIN et al.	422	21	11/13/89
LM	6,383,732 B1	05/07/02	STONE	435	1.1	06/01/00
LM	4,727,027	02/23/88	WIESEHAHN et al.	435	173	10/07/85

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	*PATENT APPLN. PUB. NO.	*PUB. DATE	*APPLICANT	CLASS	SUBCLASS	

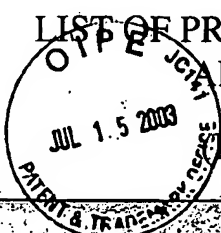
U.S. PATENT APPLICATIONS						
	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS	

FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)	

EXAMINER <i>L. McKane</i>	DATE CONSIDERED <i>12/1/03</i>
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## APPLICANT(S)

Wils n BURGESS, William N. DROHAN,  
Martin J. MACPHEE and David M. MANNFILING DATE  
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1744

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EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
LM	6,346,216 B1	02/12/02	KENT	422	22	05/15/00
	6,312,931 B1	11/06/01	O'DWYER et al.	435	173.1	02/11/00
	6,358,284 B1	03/19/02	FEARNOT et al.	623	23.72	06/02/99
	6,375,989 B1	04/23/02	BADYLAK et al.	424	551	06/10/99
	6,384,419 B1	05/07/02	PURPLE	250	526	03/30/00
	6,461,630 B1	10/08/02	TUCKER et al.	424	423	11/30/99
	6,485,723 B1	11/26/02	BADYLAK et al.	424	93.7	05/08/00
	4,877,866	10/31/89	RUDNICK et al.	530	387	11/18/87
LM	6,383,810 B2	05/07/02	FIKE et al.	435	384	02/13/98

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LM	US2002/0064807 A1	04/30/02	BADYLAK et al.	435	34	11/14/01
	US2002/0106394 A1	08/08/02	TUCKER et al.	424	423	09/18/01
	US2002/0188319 A1	12/12/02	MORRIS et al.	606	213	06/10/02
	US2003/0068815 A1	04/10/03	STONE et al.	435	325	05/17/02
LM	US2001/0049141 A1	12/06/01	FIKE et al.	435	384	02/13/98

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## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
LM	EP0808167 B1	06/05/02	EPO			Yes	No
LM	EP0820301 B1	07/24/02	EPO				
LM	WO 00/28552	05/18/00	PCT				

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)

LM	Robert J. Woods, "Food Irradiation," Endeavor, New Series, Vol. 18, No. 3, 1994, pp. 104-108.					
LM	A. Dziedzic-Goclawska et al., "Sterilisation of Tissue Allografts," Advances in Tissue Banking, Vol. 1, pp. 261-321, prior art.					
	M.J. Goertzen et al., "Sterilisation of Canine Anterior Cruciate Allografts by Gamma Irradiation in Argon," Journal of Bone and Joint Surgery (Corrections), Vol. 77-B, No. 2, March 1995, pp. 205-212.					

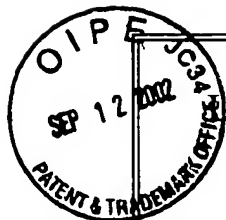
EXAMINER

J. McCane

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**U.S. PATENT DOCUMENTS**

*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
LM	A1	RE 23,195	02/1950	Arno Brasch			
	A2	2,832,689	04/1958	Bernard E. Proctor et al.			
	A3	2,920,969	01/1960	E.S. Stoddard			
	A4	2,962,380	11/1960	J.H. Wertheim			
	A5	3,620,944	11/1971	Keiko Tanito			
	A6	3,743,480	07/1973	John D. Falk			
	A7	3,779,706	12/1973	Nablo			
	A8	4,136,094	01/1979	Condie			
	A9	4,251,437	02/1981	Rasmussen et al.			
	A10	4,282,863	08/1981	Beigler et al.			
	A11	4,330,626	05/1982	Blair et al.			
	A12	4,336,247	06/1982	Eriksen			
LM	A13	4,370,264	01/1983	Kotitschke et al.			

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*EXAMINER'S INITIALS	CITE NO.	*PATENT APPLN. PUB. NO.	*PUBLICATION DATE	*APPLICANT	CLASS	SUBCLASS	FILING DATE
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**U.S. PATENT APPLICATIONS**

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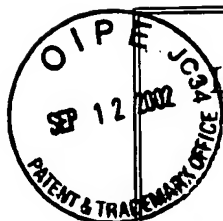
**FOREIGN PATENT DOCUMENTS**

*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*PUBLICATION DATE	*COUNTRY	CLASS	SUBCLASS	Translation	
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LM	D1	2,056,619	10/1991	Canada				
	D2	310 316	04/1989	Europe				
	D3	334 679	09/1989	Europe				
	D4	919 198 A2	06/1999	Europe (Abstract)			X	
LM	D5	919 198 A3	06/1999	Europe (Abstract)			X	

**OTHER ART**

*EXAMINER'S INITIALS	CITE NO.	(AUTHOR, TITLE, DATE, PERTINENT PAGES, PUBLISHER, PLACE OF PUBLICATION)
LM	E1	AABB FDA Liaison Meeting, ABC Newsletter, p. 14 (December 12, 1997)
LM	E2	Alladine, M.F. et al., $\gamma$ -Radiation Damage to Starr-Edwards Valves, The Lancet, 1:594 (1968)
LM	E3	Alper, T. et al., Protection by Anoxia of the Scrapie Agent and some DNA and RNA Viruses Irradiated as Dry Preparations, J. Gen. Virol., 3:157-166 (1968)
EXAMINER <i>Leigh McKane</i>		DATE CONSIDERED <i>12/1/03</i>

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*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
LM	A14	4,409,105	10/1983	Hayashi et al.			
	A15	4,472,840	09/1984	Jefferies			
	A16	4,620,908	11/1986	Van Duzer			
	A17	4,784,850	11/1988	Abraham			
	A18	4,798,611	01/1989	Freeman Jr.			
	A19	4,865,602	09/1989	Smestad et al.			
	A20	4,931,361	06/1990	Baldeschwieler et al.			
	A21	4,933,145	06/1990	Uchida et al.			
	A22	4,946,648	08/1990	Dichtelmüller et al.			
	A23	4,963,356	10/1990	Calenoff et al.			
	A24	5,000,951	03/1991	Bass et al.			
	A25	5,012,503	04/1991	Nambu et al.			
LM	A26	5,044,091	09/1991	Ueda et al.			

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**U.S. PATENT APPLICATIONS**

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**FOREIGN PATENT DOCUMENTS**

*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*PUBLICATION DATE	*COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
LM	D6	11-216147	08/1999	Japan (Abstract)			X	
	D7	1321420-A	07/1987	Soviet Union (Abstract)			X	
	D8	WO 90/00907	02/1990	PCT Int'l				
	D9	WO 91/16060	10/1991	PCT Int'l				
LM	D10	WO 95/03071	02/1995	PCT Int'l				

**OTHER ART**

*EXAMINER'S INITIALS	CITE NO.	(AUTHOR, TITLE, DATE, PERTINENT PAGES, PUBLISHER, PLACE OF PUBLICATION)
LM	E4	Alper, T. et al., Does the Agent of Scrapie Replicate Without Nucleic Acid?, Nature, 214:764-766 (1967)
LM	E5	Alper, T. et al., The Exceptionally Small Size of the Scrapie Agent, Biochemical and Biophysical Research Communications, 22:278-284 (1966)
LM	E6	Alper, T. et al., The Scrapie Agent: Evidence Against its Dependence For Replication on Intrinsic Nucleic Acid, J. Gen. Virol., 41:503-516 (1978)

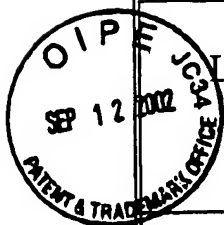
EXAMINER

*Leigh McKane*

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**U.S. PATENT DOCUMENTS**

*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
LM	A27	5,106,619	04/1992	Wiesehahn et al.			
	A28	5,134,295	07/1992	Wälschmüller			
	A29	5,185,371	02/1993	Rubinstein			
	A30	5,226,065	07/1993	Held et al.			
	A31	5,283,034	02/1994	Okrongly et al.			
	A32	5,362,442	11/1994	Kent			
	A33	5,418,130	05/1995	Platz. et al.			
	A34	5,460,962	10/1995	Kemp			
	A35	5,510,122	04/1996	Sreebny et al.			
	A36	5,548,066	08/1996	Leneau et al.			
	A37	5,603,894	02/1997	Aikus et al.			
	A38	5,609,864	03/1997	Shanbrom			
LM	A39	5,637,451	06/1997	Ben-Hur et al.			

**U.S. PATENT APPLICATION PUBLICATIONS**

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**U.S. PATENT APPLICATIONS**

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**FOREIGN PATENT DOCUMENTS**

*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*PUBLICATION DATE	*COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
LM	D11	WO 00/25839	03/2000	PCT Int'l (Abstract)			X	
	D12	WO 01/08611A1	02/2001	PCT Int'l (Abstract)			X	
	D13	WO 01/12318A1	02/2001	PCT Int'l				
	D14	WO 01/32107A2	05/2001	PCT Int'l (Abstract)			X	
LM	D15	WO 01/32110A2	05/2001	PCT Int'l (Abstract)			X	

**OTHER ART**

*EXAMINER'S INITIALS	CITE NO.	(AUTHOR, TITLE, DATE, PERTINENT PAGES, PUBLISHER, PLACE OF PUBLICATION)
LM	E7	Akkus, O. et al., Fracture Resistance of Gamma Radiation Sterilized Cortical Bone Allografts, J. Orthopaedic Research, 19:927-934 (2001) (Elsevier Science Ltd.)
LM	E8	Aparicio, S.R. et al., Light and Electron Microscopy Studies on Homograft and Heterograft Heart Valves, J. Path., 115:147-162 (1975)
LM	E9	Baksa, J. et al., The Use of Pig's Skin (xenograft) for the Treatment of Burns, Magyar Traumatologia, 19:138-145 (1976)

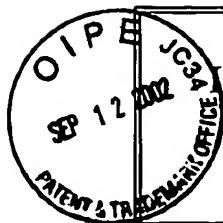
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*Leon McKane*

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LM	A40	5,643,464	07/1997	Rhee et al.			
	A41	5,712,086	01/1998	Horowitz et al.			
	A42	5,730,933	03/1998	Peterson			
	A43	5,817,528	10/1998	Böhm et al.			
	A44	5,837,313	11/1998	Ding et al.			
	A45	5,856,172	01/1999	Greenwood et al.			
	A46	5,881,534	03/1999	Ahlqvist et al.			
	A47	5,981,163	11/1999	Horowitz et al.			
	A48	5,986,168	11/1999	Noishiki			
	A49	5,989,498	11/1999	Odland			
	A50	6,010,719	01/2000	Remon et al.			
	A51	6,046,024	04/2000	Burton et al.			
LM	A52	6,049,025	04/2000	Stone et al.			

**U.S. PATENT APPLICATION PUBLICATIONS**

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	B4						

**U.S. PATENT APPLICATIONS**

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**FOREIGN PATENT DOCUMENTS**

*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*PUBLICATION DATE	*COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
LM	D16	WO 01/45720A1	06/2001	PCT Int'l (Abstract)			X	
	D17	WO 01/49219A1	07/2001	PCT Int'l				
	D18	WO 01/72233A1	10/2001	PCT Int'l (Abstract)			X	
	D19	WO 01/72244A1	10/2001	PCT Int'l (Abstract)			X	
LM	D20	WO 01/91818A1	12/2001	PCT Int'l (Abstract)			X	

**OTHER ART**

*EXAMINER'S INITIALS	CITE NO.	(AUTHOR, TITLE, DATE, PERTINENT PAGES, PUBLISHER, PLACE OF PUBLICATION)
LM	E10	Baldwin, M.L. et al., Irradiation of Blood Components, pp. 10-78 (1992) (American Association of Blood Banks)
LM	E11	Baquesy, C. et al., Radiosterilization of Albuminated Polyester Prostheses, Biomaterials, 8:185-189 (1987)
LM	E12	Bassin, R.H. et al., Abrogation of Fv-1 <sup>b</sup> Restriction With Murine Leukemia Viruses Inactivated by Heat or by Gamma Irradiation, Journal of Virology, 26:306-315 (1978) (American Society for Microbiology)

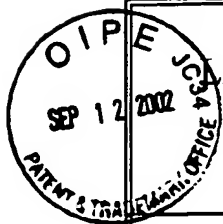
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*L. McKeane*

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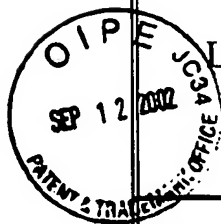


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LM	A53	6,060,233	05/2000	Wiggins	{	{				
	A54	6,066,626	05/2000	Yew et al.						
	A55	6,087,141	07/2000	Margolis-Nunno et al.						
	A56	6,120,592	09/2000	Brault et al.						
	A57	6,159,490	12/2000	Deghenghi						
	A58	6,171,549	01/2001	Kent						
	A59	6,187,572	02/2001	Platz et al.						
	A60	6,190,855	02/2001	Herman et al.						
	A61	6,197,207	03/2001	Chapman et al.						
	A62	6,203,544	03/2001	Gotzen						
	A63	6,214,534	04/2001	Horowitz et al.						
	A64	6,235,508	05/2001	Sowemimo-Coker et al.						
	A65	6,258,821	07/2001	Stogniew et al.						
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	D23									
	D24									
	D25									
OTHER ART										
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LM	E13	Beauregard, G. et al., Temperature Dependence of the Radiation Inactivation of Proteins, Analytical Biochemistry, 150:117-120 (1985) (Academic Press Inc.)								
LM	E14	Bedrossian Jr., E.H. et al., HIV and Banked Fascia Lata, Ophthalmic Plastic and Reconstructive Surgery, 7:284-288 (1991) (Raven Press Ltd.)								
LM	E15	Belov, A.A. et al., The Influence of $\gamma$ -Radiation on Enzyme Activity of Collalitin in the Process of Storage, Radiobiologiia, 30:519-521(1990)								
EXAMINER <i>R. McKane</i>				DATE CONSIDERED <i>12/1/03</i>						

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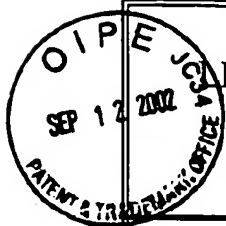
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WM	E16	Bingci, L., Mouse Antibody Response Following Repetitive Injections of Gamma-Irradiated Human Placenta Collagen, Chinese Medical Sciences Journal, 9:100-103 (1994)
	E17	Blakeslee, S., Lack of Oversight in Tissue Donation Raising Concerns, The New York Times, Late Edition, pp. 1, 22 (January 20, 2002) ( <a href="http://query.nytimes.com">http://query.nytimes.com</a> )
	E18	Blanchy, B.B. et al., Immobilization of Factor VIII on Collagen Membranes, J. Biomedical Materials Research, 20:469-479 (1986) (John Wiley & Sons, Inc.)
	E19	Block, S.S., Disinfection, Sterilization, and Preservation,, Fourth Edition, pp. 31-33 (1991) (Lea & Febiger) (Philadelphia)
	E20	Bogers, A.J.J.C. et al., Long-Term Results of the Gamma-Irradiation-Preserved Homograft Monocusp for Transannular Reconstruction of the Right-Ventricular Outflow Tract in Tetralogy of Fallot, Thorac. Cardiovasc. Surgeon, 42:337-339 (1994) (Georg Thieme Verlag Stuttgart)
	E21	Borisova, E.A. et al., Protein Degradation During Interphase Death of Thymocytes Induced by Radiation and Dexamethasone, Radiobiologia, 30:517-519 (1990)
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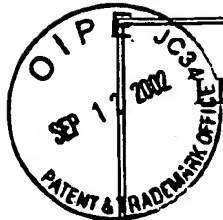
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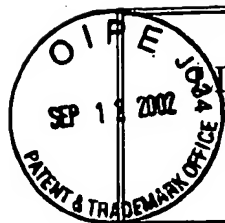
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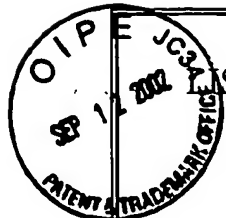
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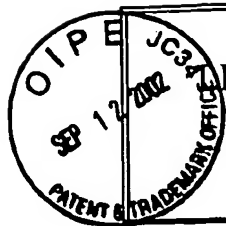
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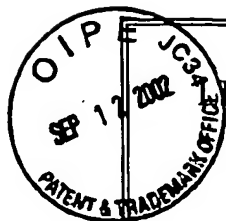
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